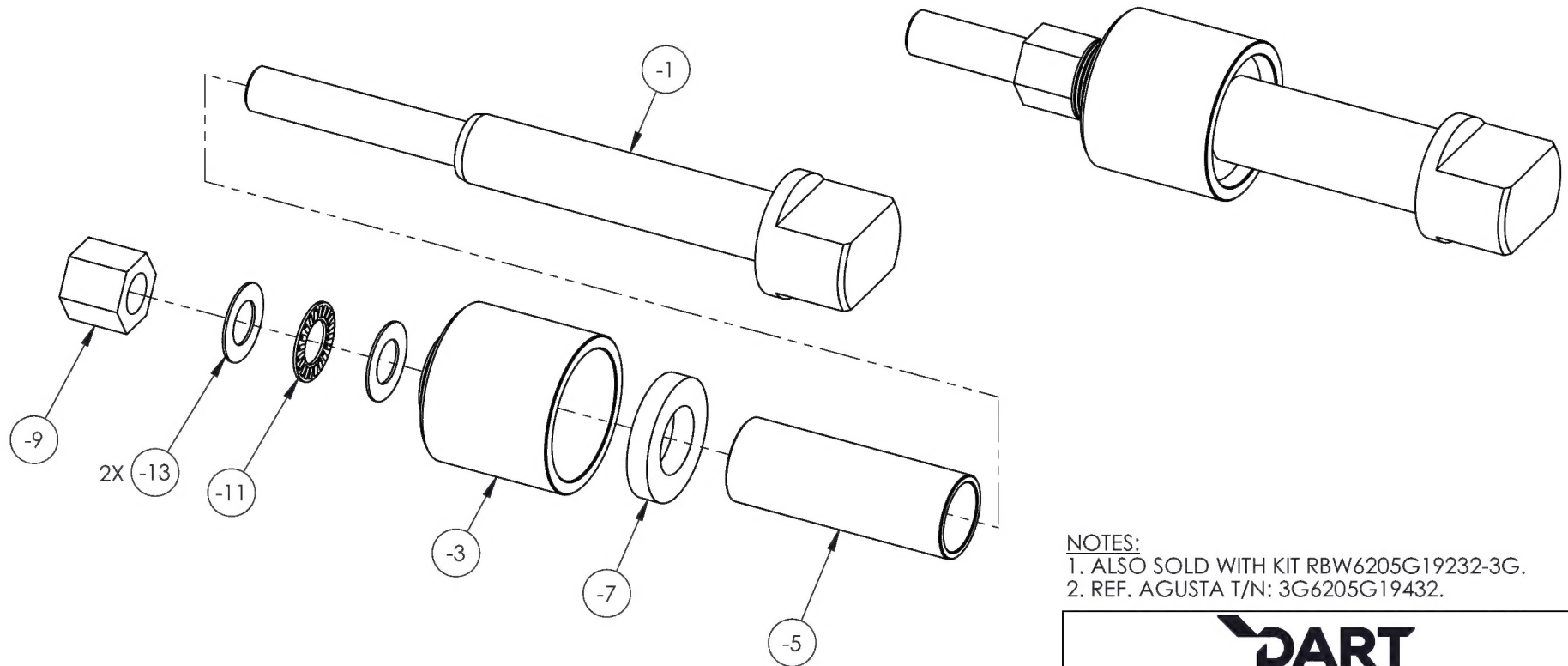


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		BECAUSE OF DIFFERENT ENGRAVINGS CREATED -18 RECEIVER TO REPLACE -07 ON TOOL RBW6205G19432-3G. ADDED ENGRAVING NOTES TO -07 & -18. ADDED -3G TO ALL PART NUMBERS. TO -27 ADDED REF. DIMENSIONS. ON -3 & -17 DRAW BOLTS CHANGED ENGRAVINGS FROM T/N, S/N, ECT. TO T/N ONLY.	9/21/2009	WP	RW
2	16-0031	UPDATED TO NEW STANDARDS. -1, -5, -7 CH'D FINISH WAS YELLOW ZINC PLATE IS ZINC PLATE ASTM B633 TYPE I SC2. --1 ADDED MAT'L OPTION 4142 Q&T. CH'D FINISH WAS YELLOW ZINC PLATE IS ZINC PLATE ASTM B633 TYPE I SC2. CH'D DIMS WAS 2.950 IS 2.95, WAS .946 IS .95, WAS .120 IS .12, WAS 7.276 IS 7.28, WAS 1.572 IS Ø1.57. -3 CH'D DIMS WAS 3X .015 X 45° IS 3X .02 X 45°. WAS 1.970 IS 1.97, WAS .215 IS .22, WAS 1.256 IS 1.26. ADDED ENGRAVE NOTE. -5 CH'D DIMS WAS 4X .015 X 45° IS 4X .02 X 45°, WAS 2.950 IS 2.95. -7 CH'D DIM WAS .276 IS .28. -9 CH'D DIM WAS .882 HEX IS 3X .88.	2/11/2016	DPD	JAG



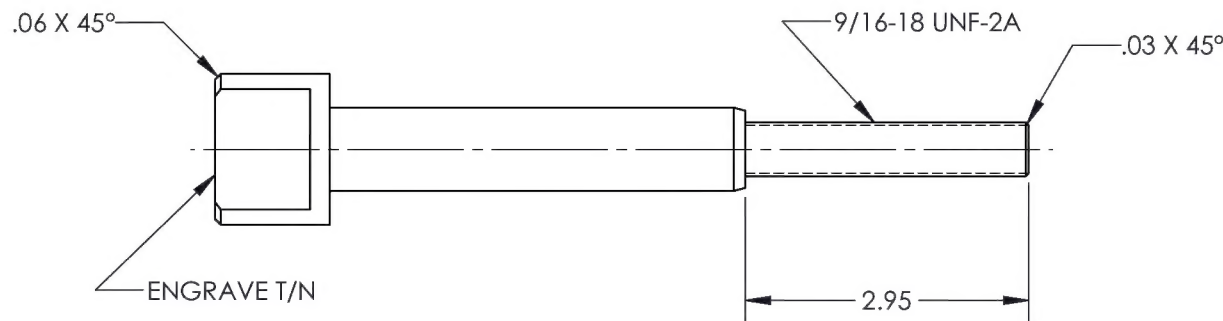
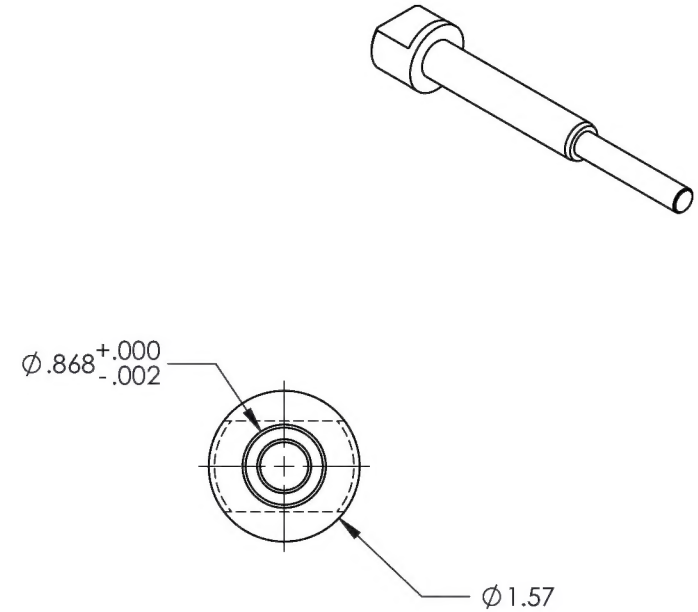
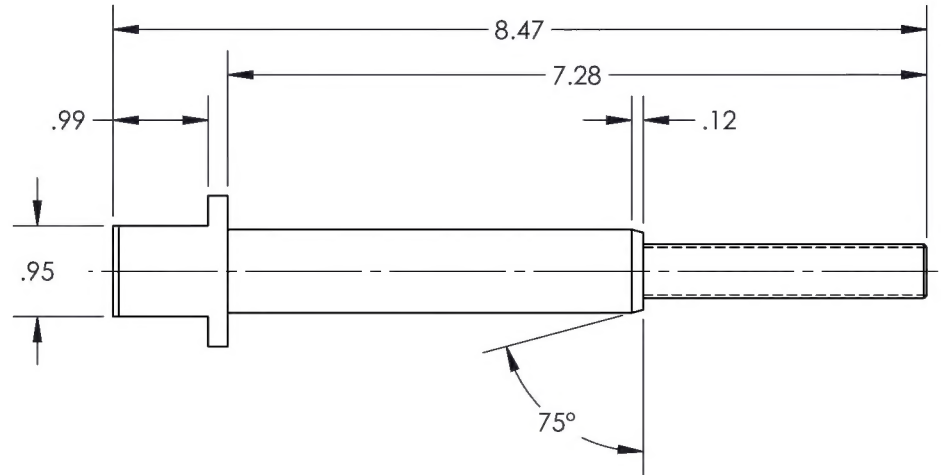
NOTES:  
1. ALSO SOLD WITH KIT RBW6205G19232-3G.  
2. REF. AGUSTA T/N: 3G6205G19432.

<b>DART AEROSPACE</b>																															
TITLE M/R SCISSOR BUSHING INSTALL TOOL																															
DWG NO. RBW6205G19432-3G	REV 2																														
<table border="1"> <tr> <td>MAT'L</td> <td>UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>HEAT TREAT</td> <td>DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>FINISH</td> <td>.XXX ± .005 FRACTIONS ± 1/8</td> </tr> <tr> <td></td> <td>.XX ± .01 ANGLES ± 5°</td> </tr> <tr> <td></td> <td>.X ± .1 SURFACES = 125°</td> </tr> <tr> <td>SPEC</td> <td>1. BREAK ALL SHARP EDGES</td> </tr> <tr> <td></td> <td>.015 x 45° OR .015R</td> </tr> <tr> <td>DRAWN BY: CLOUGH</td> <td>2. DIMENSIONAL LIMITS APPLY</td> </tr> <tr> <td>CHECKED: CLOUGH</td> <td>AFTER PLATING</td> </tr> <tr> <td>OPPS APPR: ANDERSON</td> <td>3. INTERPRET DIM AND TOL PER</td> </tr> <tr> <td>QA APPR: LINDSAY</td> <td>ASME Y14.5M-2009</td> </tr> <tr> <td>APPROVED: GILBERT</td> <td>USED ON MODEL</td> </tr> <tr> <td></td> <td>AGUSTA AW139</td> </tr> <tr> <td>SCALE 1:2</td> <td>DATE 7/8/2009</td> </tr> <tr> <td></td> <td>SHEET 1 OF 6</td> </tr> </table>		MAT'L	UNLESS OTHERWISE SPECIFIED	HEAT TREAT	DIMENSIONS ARE IN INCHES	FINISH	.XXX ± .005 FRACTIONS ± 1/8		.XX ± .01 ANGLES ± 5°		.X ± .1 SURFACES = 125°	SPEC	1. BREAK ALL SHARP EDGES		.015 x 45° OR .015R	DRAWN BY: CLOUGH	2. DIMENSIONAL LIMITS APPLY	CHECKED: CLOUGH	AFTER PLATING	OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER	QA APPR: LINDSAY	ASME Y14.5M-2009	APPROVED: GILBERT	USED ON MODEL		AGUSTA AW139	SCALE 1:2	DATE 7/8/2009		SHEET 1 OF 6
MAT'L	UNLESS OTHERWISE SPECIFIED																														
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	.015 x 45° OR .015R																														
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CHECKED: CLOUGH	AFTER PLATING																														
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER																														
QA APPR: LINDSAY	ASME Y14.5M-2009																														
APPROVED: GILBERT	USED ON MODEL																														
	AGUSTA AW139																														
SCALE 1:2	DATE 7/8/2009																														
	SHEET 1 OF 6																														

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	DRAW BOLT	4140/4142 Q & T		2
			-3	1	RECEIVER	6061		3
			-5	1	SLEEVE	1018/1020 CR		4
			-7	1	WASHER	1018/1020 CR		5
			-9	1	TALL NUT	BRONZE ALLOY 642		6
		B/O	-11	1	THRUST BEARING	STEEL	Ø.562 I.D. X Ø1.000 O.D. X .0781 (APPLIED #NTA-916)	1
		B/O	-13	2	THRUST WASHER	STEEL	Ø.562 I.D. X Ø1.000 X .031 (APPLIED #TRA-916)	1

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0031	-1 ADDED MAT'L OPTION 4142 Q&T. CH'D FINISH WAS YELLOW ZINC PLATE IS ZINC PLATE ASTM B633 TYPE I SC2. CH'D DIMS WAS 2.95 IS 2.95, WAS .946 IS .95, WAS .120 IS .12, WAS 7.276 IS 7.28, WAS 1.572 IS Ø1.57.	2/11/2016	DPD	JAG

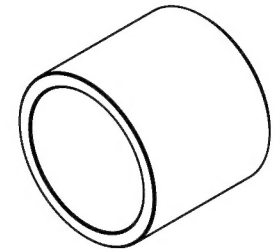
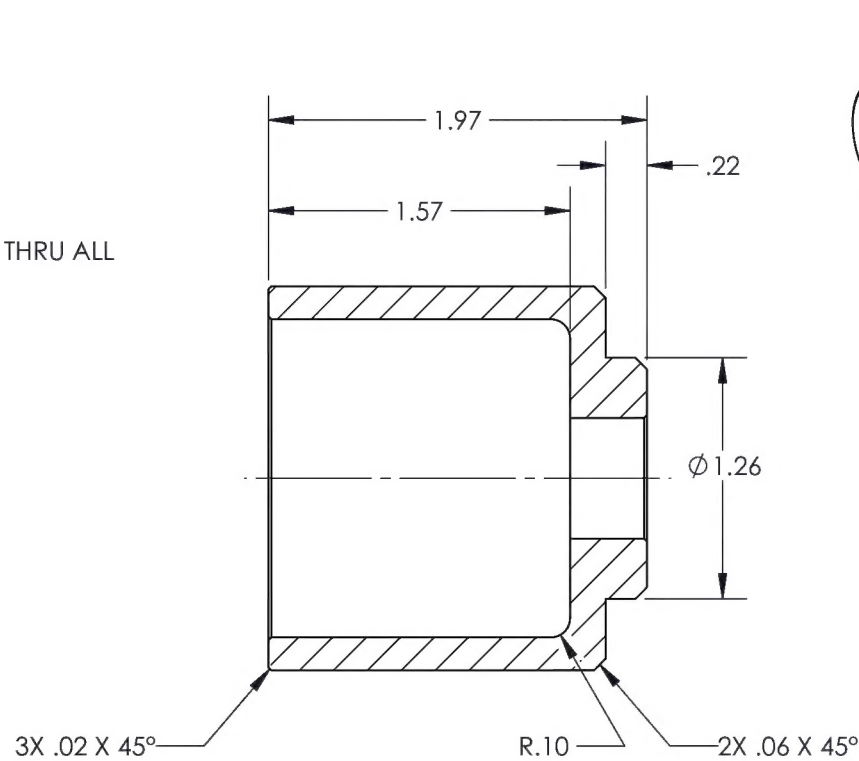
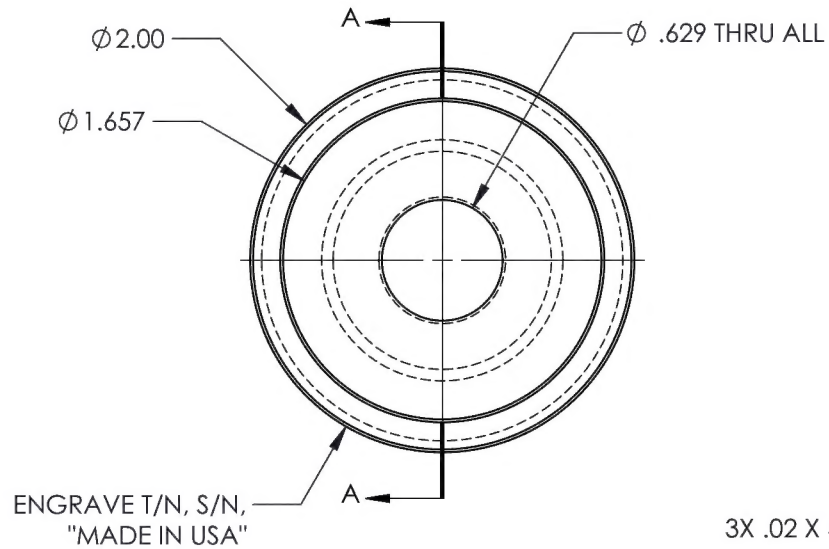


(-1)  
DRAW BOLT

<b>DART AEROSPACE</b>	
TITLE <b>M/R SCISSOR BUSHING INSTALL TOOL</b>	
DWG NO. <b>RBW6205G19432-3G-1</b>	REV <b>2</b>
MAT'L 4140/4142 Q & T HEAT TREAT FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: <b>CLOUGH</b>	USED ON MODEL
CHECKED: <b>CLOUGH</b>	AGUSTA AW139
OPPS APPR: <b>ANDERSON</b>	
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE 1:2	DATE 7/8/2009
SHEET 2 OF 6	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0031	-3 CH'D DIMS WAS 3X .015 X 45° IS 3X .02 X 45°, WAS 1.970 IS 1.97, WAS .215 IS .22, WAS 1.256 IS 1.26. ADDED ENGRAVE NOTE.	2/11/2016	DPD	JAG



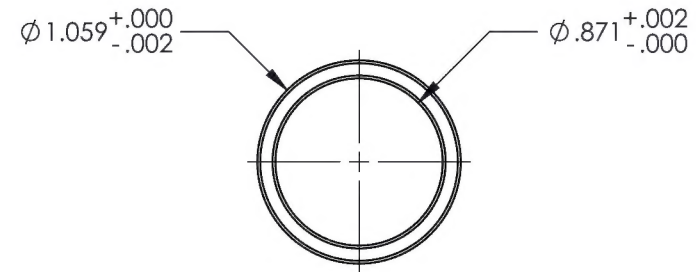
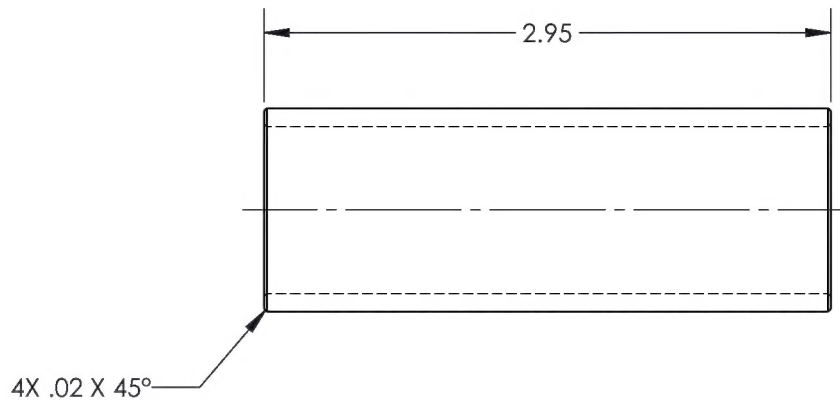
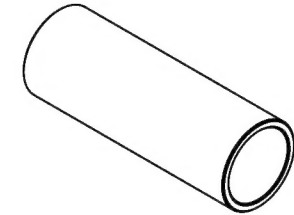
SECTION A-A

(-3)  
RECEIVER

<b>DART AEROSPACE</b>	
TITLE <b>M/R SCISSOR BUSHING INSTALL TOOL</b>	
DWG NO. <b>RBW6205G19432-3G-3</b>	REV <b>2</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH CLEAR ANODIZE	.XXX ± .005 FRACTIONS ± 1/8
SPEC MIL-A-8625, TYPE II, CLASS I	.XX ± .01 ANGLES ±.5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125✓
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 7/8/2009	USED ON MODEL
SHEET 3 OF 6	AGUSTA AW139

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0031	-5 CH'D FINISH WAS YELLOW ZINC PLATE IS ZINC PLATE ASTM B633 TYPE I SC2. CH'D DIMS WAS 4X .015 X 45° IS 4X .02 X 45°, WAS 2.950 IS 2.95.	2/11/2016	DPD	JAG

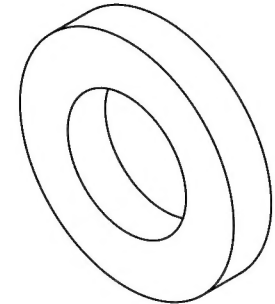
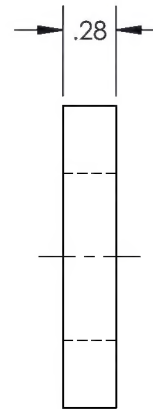
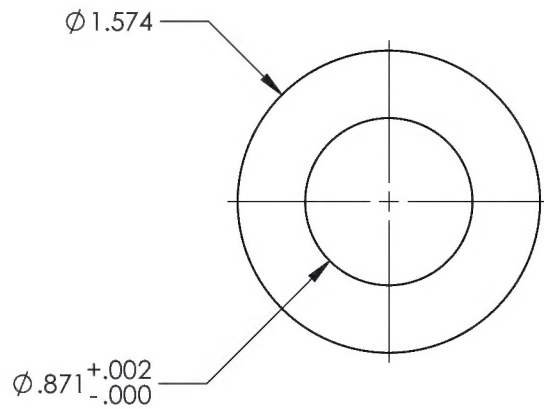


(-5)  
SLEEVE

<b>DART AEROSPACE</b>	
TITLE M/R SCISSOR BUSHING INSTALL TOOL	
DWG NO. RBW6205G19432-3G-5	REV 2
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± .5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125° ✓
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 7/8/2009	USED ON MODEL
SHEET 4 OF 6	AGUSTA AW139

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0031	-7 CH'D FINISH WAS YELLOW ZINC PLATE IS ZINC PLATE ASTM B633 TYPE I SC2. CH'D DIM WAS .276 IS .28.	2/11/2016	DPD	JAG



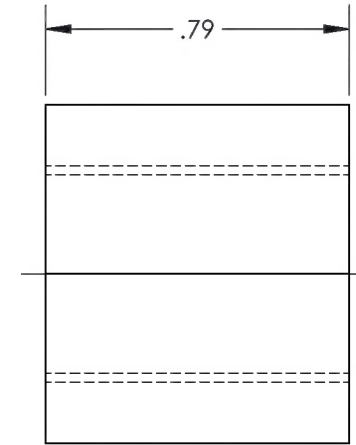
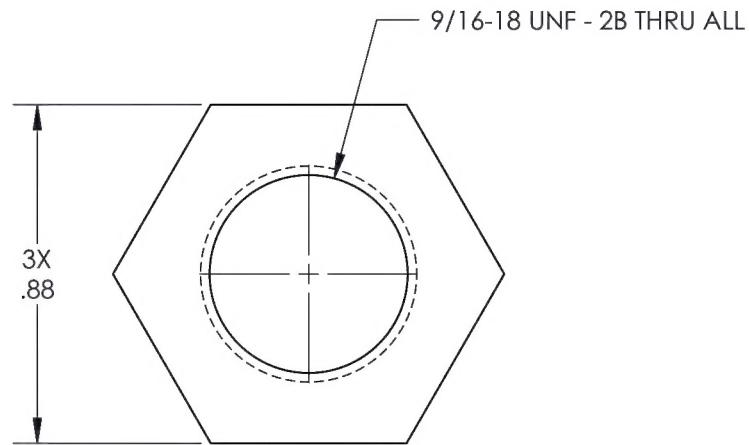
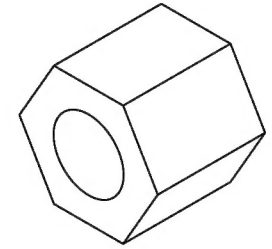
(-7)

WASHER

<b>DART</b> AEROSPACE	
TITLE M/R SCISSOR BUSHING INSTALL TOOL	
DWG NO. RBW6205G19432-3G-7	REV 2
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 7/8/2009	USED ON MODEL
SHEET 5 OF 6	AGUSTA AW139

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0031	-9 CH'D DIM WAS .882 HEX IS 3X .88.	2/11/2016	DPD	JAG



⑨  
TALL NUT

<b>DART AEROSPACE</b>	
TITLE M/R SCISSOR BUSHING INSTALL TOOL	
DWG NO. RBW6205G19432-3G-9	REV 2
MAT'L BRONZE ALLOY 642	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AGUSTA AW139
SCALE 2:1	DATE 7/8/2009
SHEET 6 OF 6	